
US of America v W.R. Grace & Company

Julie C. Yang, PhD - August 21, 2002

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CONDENSED TRANSCRIPT AND CONCORDANCE
PREPARED BY:

KELTY & SCOTT, LLC
541 Jefferson Ave., Suite 102

Redwood City,, CA 94063
Phone: 800.694.5558

(1) the values had decreased?

(2) A Tremendously, to less than 1 percent.

(3) Q Thank you. During the period from 1984 to 1990, did you review -- and by you, I mean you or your analytical group, of course -- review any analysis, reports of tremolite concentration of waste streams from the mining and beneficiation of Libby ore?

(4) A If there is any results, it will be in the report.

(5) Q And you have no recollection beyond what's in the reports?

(6) A No, I don't.

(7) Q In that same time period from 1984 to 1990, did you analyze, review or report values from the tremolite content of expanded vermiculite product?

(8) A Once or twice.

(9) Q Do you recall what those values might have been?

(10) A No. If there is any, it will be in the report also.

(11) Q And lastly, for that same time period, 1984 to 1990, did you analyze, review or report values for tremolite content of stoner rock produced

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(1) A As I say, I don't recall. If it's once, it will be in the report.

(2) Q Dr. Yang, are there generally fibrous and nonfibrous tremolite fiber in materials that we have just discussed; that is, expanded material concentrate?

(3) MR. LUND: Object to the form of the question.

(4) THE WITNESS: In all Grace product or in vermiculite product or in what?

(5) MR. COHN: Q Let's take them one at a time, if we might. Ore concentrate coming from Libby, are there fibrous and nonfibrous tremolite?

(6) MR. LUND: Object to the form of the question.

(7) THE WITNESS: Mostly fibrous material.

(8) Fibrous tremolite in Libby product.

(9) MR. COHN: Q I'm sorry for the delay.

(10) A That's all right.

(11) Q I am going to go back, if I might, to one more thing.

(12) Do you know when the Libby plant closed?

(13) A Exactly the date, I don't. Maybe it's in early '90s.

(14) Q Do you know what the screening plant was?

(1) at the expansion facilities of W.R. Grace?

(2) A Maybe once.

(3) Q Do you recall what that value might have been?

(4) A No.

(5) Q So, once again, whatever is in the reports would be correct?

(6) A Yes.

(7) MR. LUND: Object to the form of the question.

(8) MR. COHN: Q Have you or your group, while you were at W.R. Grace, received samples for analysis from closed Grace exfoliation facilities?

(9) A Closed?

(10) Q That's correct.

(11) A You mean the mining site or you mean the plant, expansion plant?

(12) Q The expansion plant. The exfoliation.

(13) A I don't recall at all.

(14) Q Do you know if there is a group within W.R. Grace that deals with facilities that are closing, Grace facilities that are closing?

(15) A The engineering group.

(16) Q Were you ever asked to analyze samples collected by that group?

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(1) A Screening plant? Where? In Libby?

(2) Q In Libby.

(3) A Not too well.

(4) Q Do you have any idea at all?

(5) A No.

(6) Q That's fine.

(7) When concentrate left the mill, do you know if it went to another facility to be screened into different sizes?

(8) A I do.

(9) Q Was that called the screening plant?

(10) A Yes.

(11) (Document referred to herein marked for identification Exhibit No. 213)

(12) MR. COHN: Q Dr. Yang, I am handing you Exhibit 213. It is a request for technical service dated 6/30/92. Is that your signature down at the bottom of the page?

(13) A Accepted. Yes.

(14) MR. LUND: Just to clarify, Matt, the date on the top is 6/30/92. Is that the date you are referring to?

(15) MR. COHN: Yes.

(16) THE WITNESS: RFTS. That's the request name. It's called RFTS. 93038. Yes, I accept it.